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Attorney's Docket No. 42P19119

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:)
)
Young et al.) Examiner: Not Yet Assigned
)
Application No.: 10/814,050) Art Unit: 2872
)
Filed: March 31, 2004)
)
For: SURFACE EMITTING LASER)
WITH AN INTEGRATED)
ABSORBER)

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 or PTO/SB/08 together with copies of the documents cited on that form. It is respectfully requested that the cited documents be considered and that the enclosed copy of Information Disclosure Citation Form PTO-1449 or PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on July 21, 2005.
(Date of Deposit)

Yuko Tanaka

(Typed or printed name of person mailing correspondence)

Y. Tanaka

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Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

 X 37 C.F.R. §1.97(b).

 37 C.F.R. §1.97(c). If so, then enclosed with this Information Disclosure Statement is one of the following:

 A statement pursuant to 37 C.F.R. §1.97(e) or

 A check for \$180.00 for the fee under 37 C.F.R. § 1.17(p).

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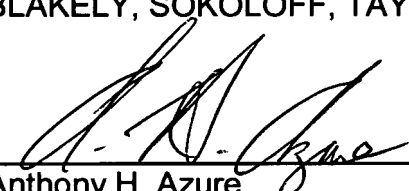
- (1) A statement pursuant to 37 C.F.R. §1.97(e); and
- (2) A check for \$180.00 for the fee under 37 C.F.R. §1.17(p) for submission of the Information Disclosure Statement.

If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: July 21, 2005



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JUL 25 2005

2) (use as many sheets as necessary)

Sheet

of

2

Application Number

10/814,050

Filing Date

March 31, 2004

First Named Inventor:

Young et al.

Art Unit

2872

Examiner Name

Not Yet Assigned

Attorney Docket Number

42P19119

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	3.	EP 0398038 A2	11-22-1990	IBM Corporation		
	4.	JP 2003218449	07-31-2003	Ricoh Co., Ltd.		

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/814,050
				Filing Date	March 31, 2004
				First Named Inventor:	Young et al.
				Art Unit	2872
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	42P19119
NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ²
	5.	ARAHIRA, Shin et al., "Mode-Locking at Very High Repetition Rates More than Terahertz in Passively Mode-Locked Distributed-Bragg-Reflector Laser Diodes," IEEE JOURNAL OF QUANTUM ELECTRONICS, Vol. 32, No. 7, July 1996, pp. 1211-1224.			
	6.	KRAINER, L. et al., "77 GHz soliton on modelocked Nd:YVO ₄ laser," ELECTRONICS LETTERS, Vol. 36, No. 22, October 26, 2000.			
	7.	SPÜHLER, G. J. et al., "Output-coupling semiconductor saturable absorber mirror," APPLIED PHYSICS LETTERS, Vol. 78, No. 18, April 30, 2001, pp. 2733-2735.			
	8.	HUANG, Xiaodong et al., "Passive mode-locking in 1.3 μm two-section InAs quantum dot lasers," APPLIED PHYSICS LETTERS, Vol. 78, No. 19, May 7, 2001, pp. 2825-2827.			
	9.	RAFALOV, E. U. et al., "Fast quantum-dot saturable absorber for passive mode-locking of solid-state lasers," IEEE, 2003, pp. 557-558.			
	10.	GOMES, Luis A. et al., "Picosecond SESAM-Based Ytterbium Mode-Locked Fiber Lasers," IEEE JOURNAL OF SELECTED TOPICS IN QUANTUM ELECTRONICS, Vol. 10, No. 1, January/February 2004, pp. 129-136.			
	11.	LIVERINI, V. et al., "Low-loss GaInNAs saturable absorber mode locking a 1.3-μm solid-state laser," APPLIED PHYSICS LETTERS, Vol. 84, No. 20, May 17, 2004, pp. 4002-4004.			
	12.	LORENSER, D. et al., "Towards wafer-scale integration of high repetition rate passively mode-locked surface-emitting semiconductor lasers," APPLIED PHYSICS B (LASERS AND OPTICS), Vol. B79, No. 8, December 2004, pp. 927-932.			
	13.	PCT Search Report, PCT/US2005/010400, July 6, 2005.			
	14.	PCT Written Opinion, PCT/US2005/010400, July 6, 2005.			

Examiner Signature		Date Considered	
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